

PRELIMINARY ASSESSMENT

U.S. 1 Cleaners

10 Main Street

Woodbridge Township, Middlesex County, New Jersey

EPA ID No. NJX000270926

The investigation of A&A Auto repair on 41 Main Street, Woodbridge Township revealed the presence of TCE and PCE in ground water. In an effort to locate the source of PCE and TCE in ground water at A&A Auto repair, an investigation was performed by NJDEP at the former Y-Parke facility which was suspected to have been a dry cleaner and is located at 51-53 Main Street. Monitor wells were installed and yielded ground water samples containing TCE at 4 ppb (MW-11); and PCE at 250 ppb (MW-6), 220 ppb (MW-11), and 10 ppb (MW-12). The former Y-Parke facility is currently a strip mall containing a restaurant, bartender school, nail salon, cigar store, and cell phone store.

Upon review of the data, NJDEP determined that 51-53 Main Street was not the source of ground water contamination. Additionally, NJDEP's Responsible Party Investigation Unit conducted a brief investigation and did not find any evidence that a dry cleaner had operated at 51-53 Main Street. The source of TCE and PCE in ground water is currently unknown. The area occupied by Y-Parke and A&A Auto is mixed residential and retail usage. A church next to Y-Parke contains a child care facility known as New Beginnings Child Care Center (New Beginnings).

Due the occurrence of contaminated ground water in close proximity to the site, Bureau of Environmental Measurements and Site Assessment conducted indoor air sampling at New Beginnings on December 7 and 8, 2011. The maximum PCE concentration detected was in basement sample AB1 at 5 ug/m³ which is above the 3 ug/m³ screening level for indoor residential air at that time. As a result of the PCE concentrations detected in the basement at New Beginnings, NJDEP conducted a soil gas study in the day care parking lot and detected total VOC concentrations in excess of 4 parts per million.

In an effort to locate the source of PCE contamination at New Beginnings Child Care Facility, NJDEP/BEMSA performed an Unknown Source Investigation which focused on known and suspected dry cleaning facilities. U.S. 1 Cleaners is an existing dry cleaner located in a strip mall at 10 Main Street – approximately 275 yards northeast of New Beginnings. Dry cleaning is performed on the premises which consists of a 2,400 square foot structure measuring 32 feet x 75 feet. Dry Clean America was the previous business name operating at this facility until

September 1, 2004 at which time the name was changed to U.S. 1 Cleaners. NJDEP Air Pollution Control Permits and Hazardous Waste Manifests indicate Dry Clean America and U.S. 1 Cleaners used and continue to use PCE in the dry cleaning process. Surrounding land use consists of residential and retail dwellings.

In an effort to locate the source of PCE contamination at New Beginnings Child Care Facility on 69 Main Street, NJDEP/BEMSA performed ground water sampling directly behind U.S. 1 Cleaners. Samples were also taken along the eastern side of the mall on Rahway Avenue and along the southern perimeter of the parking lot on Main Street.

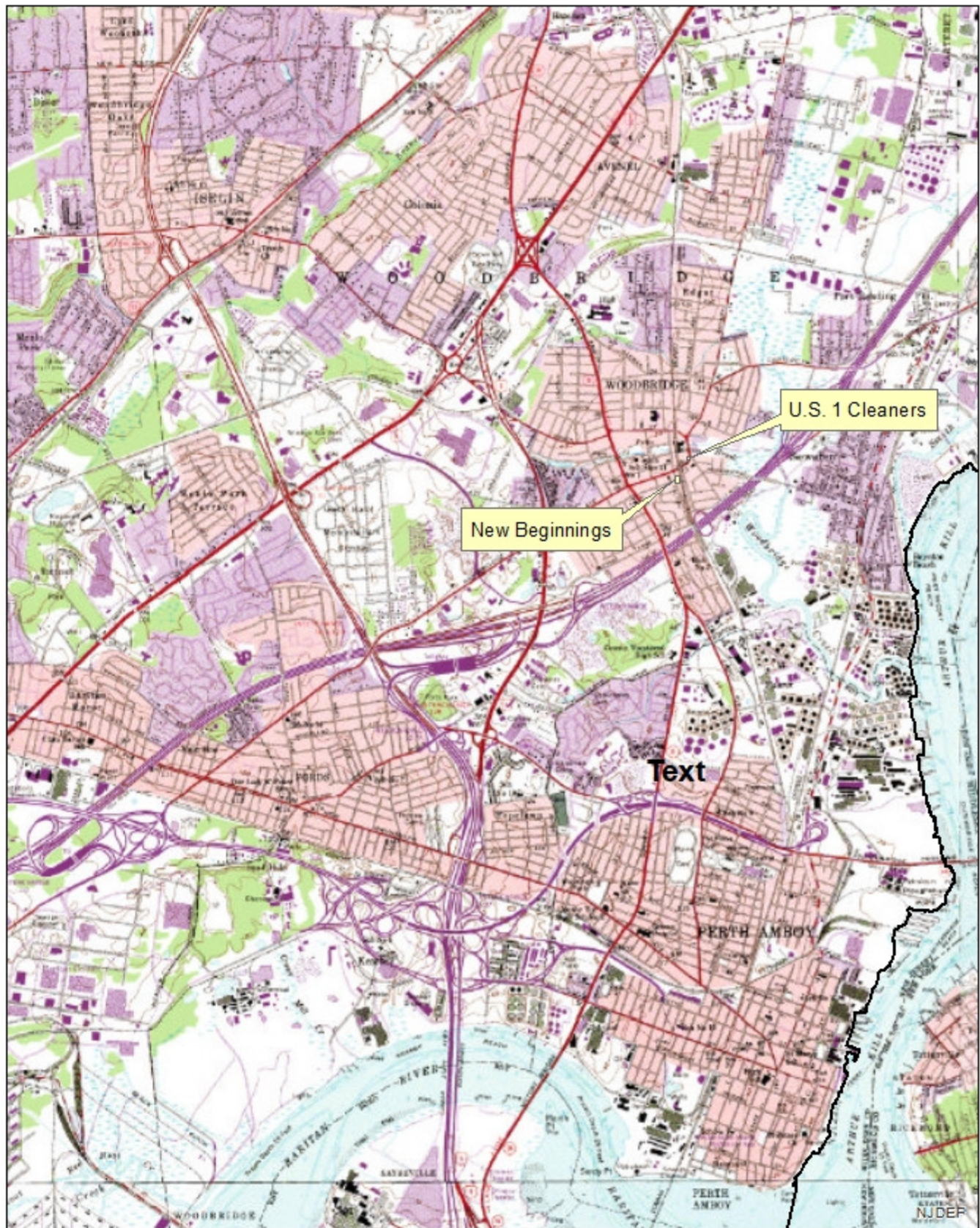
Analytical results indicate an average PCE concentration of approximately 50 ppb with a maximum concentration of 187 ppb. There is no visible evidence of storage tanks in use at the cleaner; however it is possible that PCE is leaking from the public sewer servicing the building.

However, based on the data collected, analytical results indicate U.S. 1 Cleaners is not considered a source of PCE contamination at New Beginnings Child Care Facility. Due to HRS Scoring of less than 28.50 for this site, no further action is warranted under CERCLA.

Attachments

U.S. 1 Cleaners Location Map

Woodbridge Township, Middlesex County, NJ



0 3,350 6,700 13,400 Feet